

# INTERNATIONAL SEARCH REPORT

Intern. Appl. No.  
PCT/US 98/26428

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C08F2/38 C07C327/20 C07C327/52 C07C329/04 C07C329/12  
C07C333/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C08F C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 592 283 A (ATOCHEM ELF SA) 13 April 1994 see page 4, line 4 - line 33; claim 2 ---	1
X	EP 0 286 376 A (MITSUBISHI PETROCHEMICAL CO) 12 October 1988 see claim 18; example 1 ---	1
X	EP 0 349 232 A (MINNESOTA MINING & MFG) 3 January 1990 see claim 9 ---	1
X	EP 0 449 619 A (MINNESOTA MINING & MFG) 2 October 1991 see claims 4,9,10 ---	1
X	EP 0 421 149 A (TOSOH CORP) 10 April 1991 see examples 1-9 ---	1,38
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

27 April 1999

Date of mailing of the international search report

18/05/1999

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 74, no. 17, 26 April 1971 Columbus, Ohio, US; abstract no. 87665v, XP002101249 see RN 3052-61-7P see abstract	34
X	& JP 45 034804 B (MEIJI CONFECTIONARY CO., LTD) 7 November 1970 ---	34
X	CHEMICAL ABSTRACTS, vol. 72, no. 11, 16 March 1970 Columbus, Ohio, US; abstract no. 53948, XP002101250 see RN 24472-74-0 see abstract	35
X	& WAKAMORI, S. ET AL.: "Sulfur-containing carbonates ..." AGR. BIOL. CHEM., vol. 33, no. (12), 1969, pages 1691-1699, ---	35
X	CHEMICAL ABSTRACTS, vol. 125, no. 21, 18 November 1996 Columbus, Ohio, US; abstract no. 276423, XP002101251 see RN 59463-54-6 see abstract	37
X	& QUICLET-SIRE, B. ET AL.: "An unusual route to Deoxy sugars ..." J. AM. CHEM. SOC., vol. 118, no. 38, 1996, pages 9190-9191, -----	37

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Information on patent family members

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